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Part Number: [78399-1022](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 3 Pair, Vertical Power Header, 2.00mm Pitch, Blade A1 & A2, B1 & B2 4.0mm, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-78213-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [78399](#)
 Application Mezzanine
 Application Tooling Documents TM-622018799
 Component Type Power Header
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
 Product Name Impact™
 Style N/A
 UPC 883906285470

Physical

Circuits (Loaded) 4
 Circuits (maximum) 4
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part None
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.360g
 Number of Columns N/A
 Number of Pairs 3
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 3.00mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 5.20mm
 Pitch - Termination Interface 2.00mm, 3.20mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -20°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[78399Series](#)

Mates With

[78212 Impact™ Vertical Receptacle](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Press-In Tool for Impact™ Power Header	0622018714
Removal Tool for 3-Pair Vertical Power Header	0621008000

Electrical

Current - Maximum per Contact	15A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	48V DC

Material Info**Reference - Drawing Numbers**

Product Specification	PS-78213-001
Sales Drawing	SD-78399-001
Symbol/Footprint Data	SYM-78399-1022

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